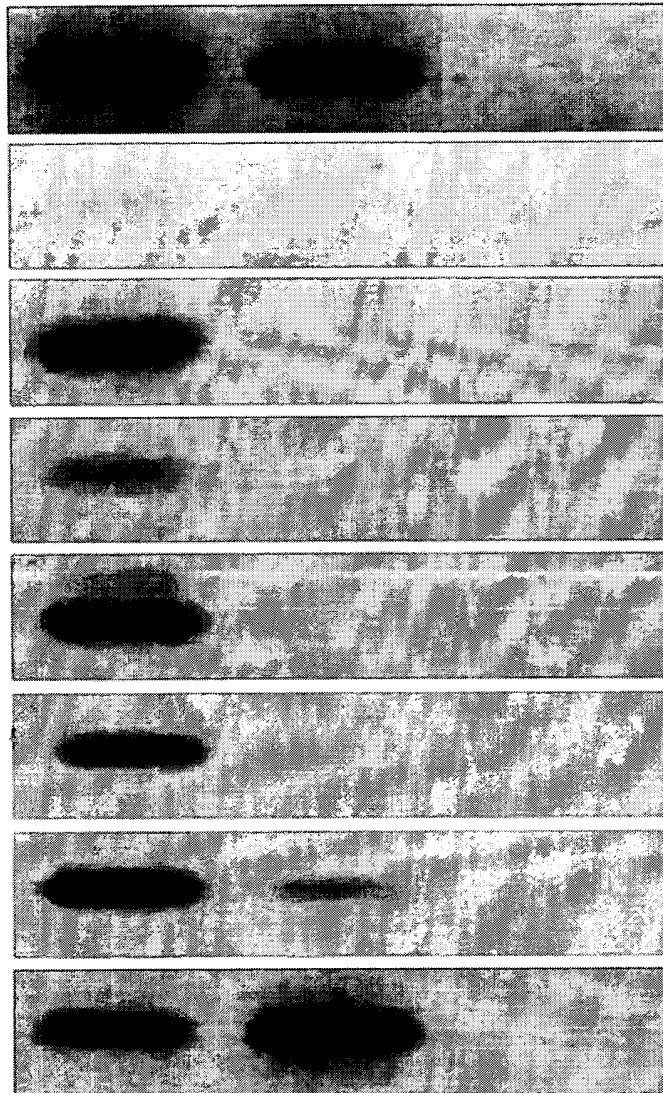


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adult human
islet duct -



Pdx1/Ipf1

ngn3

NeuroD/β2

Pax4

Pax6

Nkx2.2

Nkx6.1

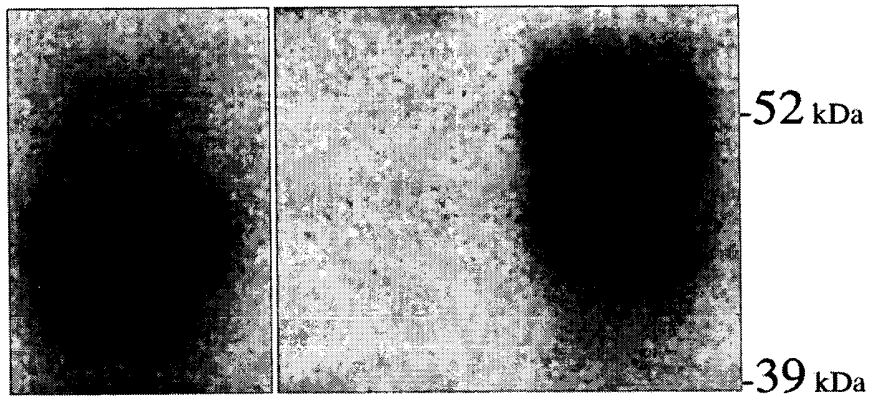
β-actin

Fig. 1A

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MIN6

adult human
duct islet



anti-Nkx6.1

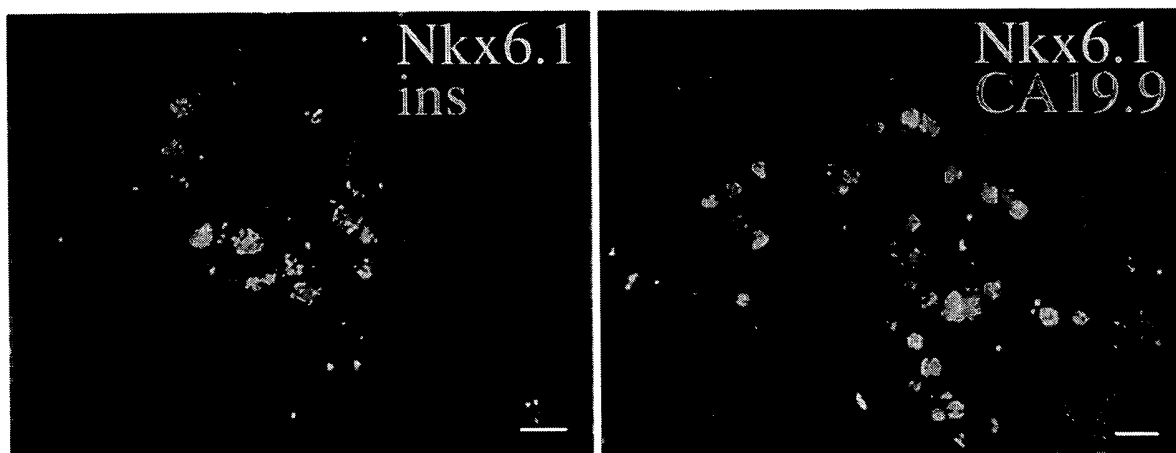


Fig. 1B

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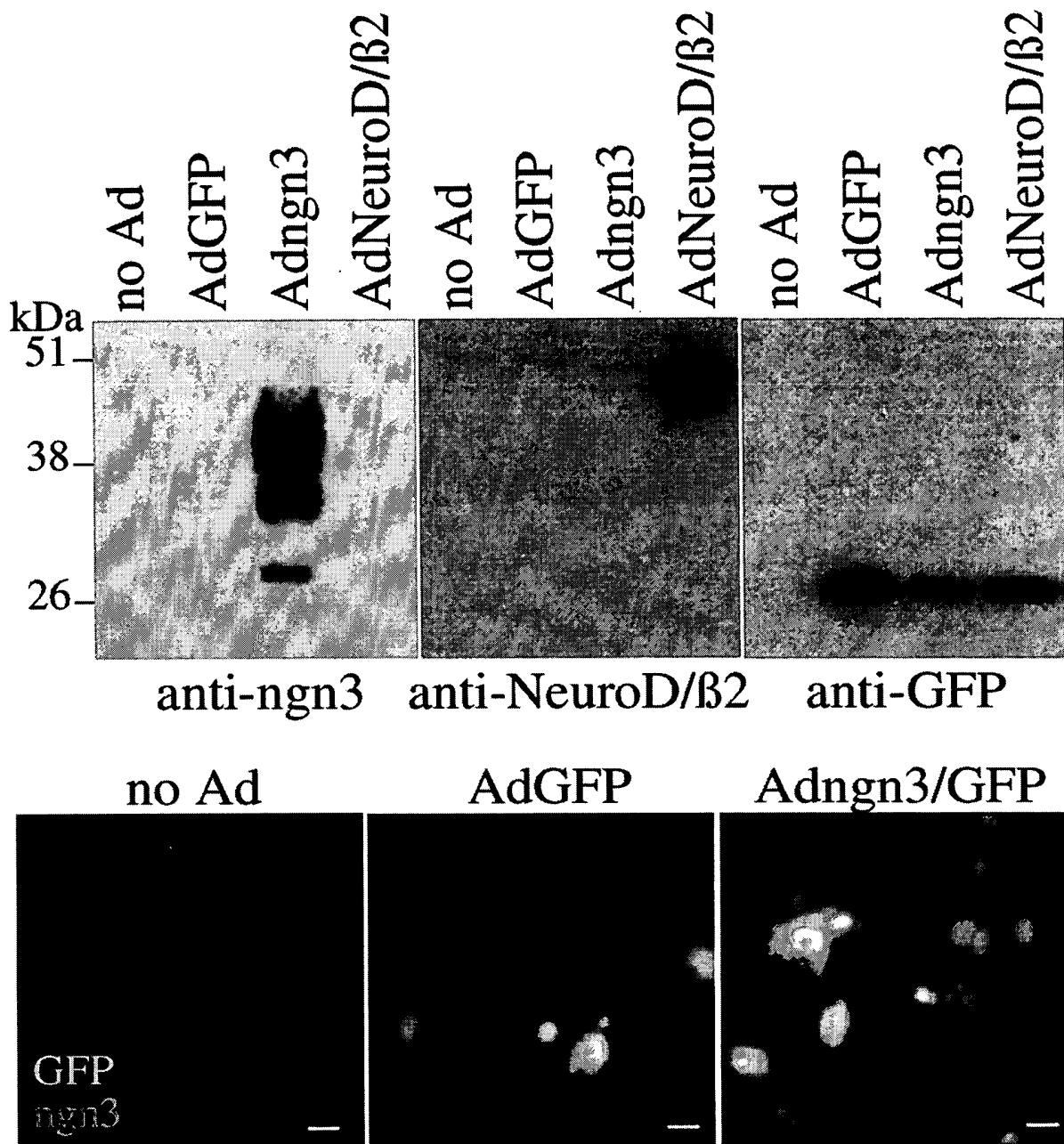


Fig. 2

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adult human duct cells

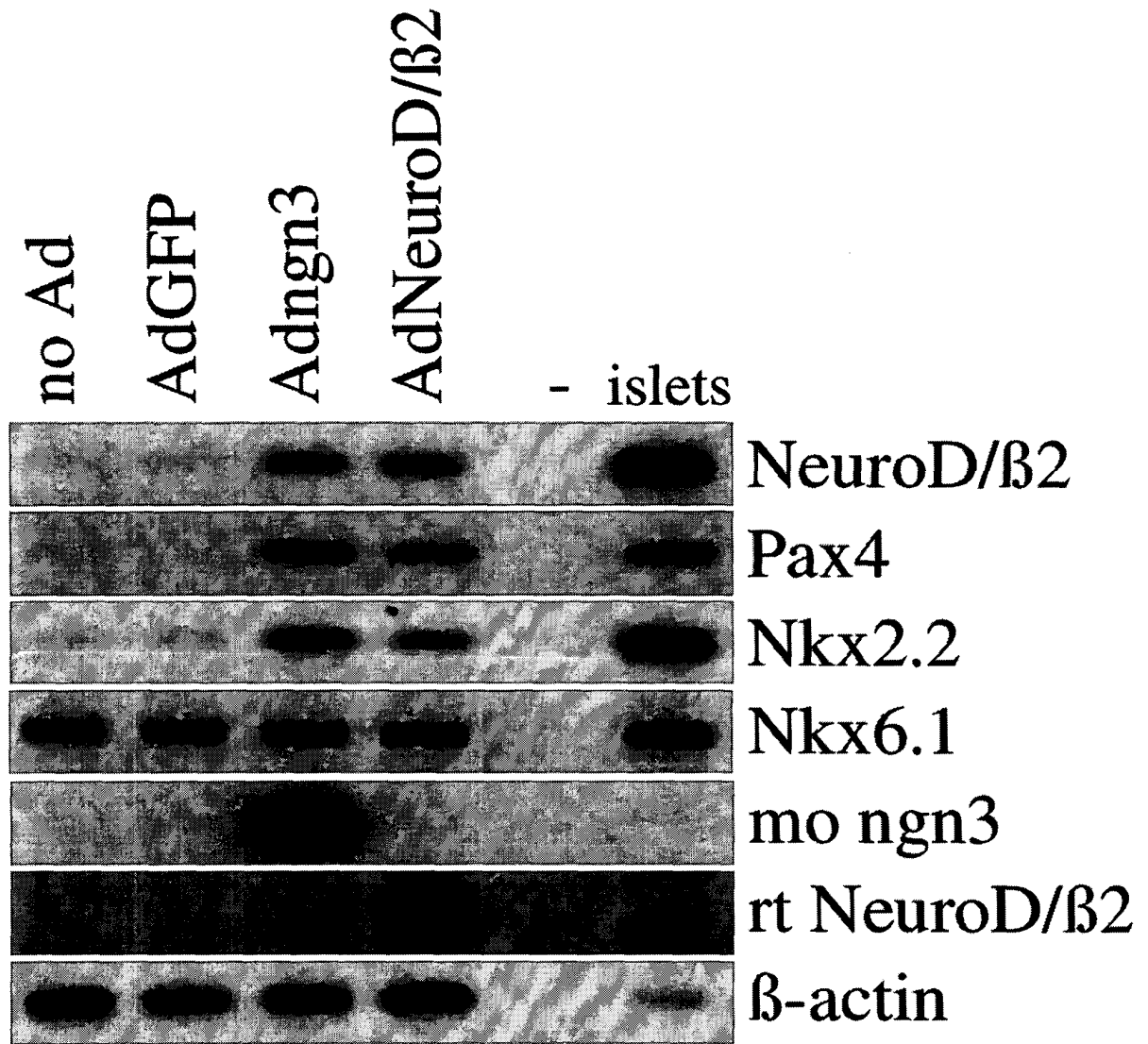


Fig. 3A

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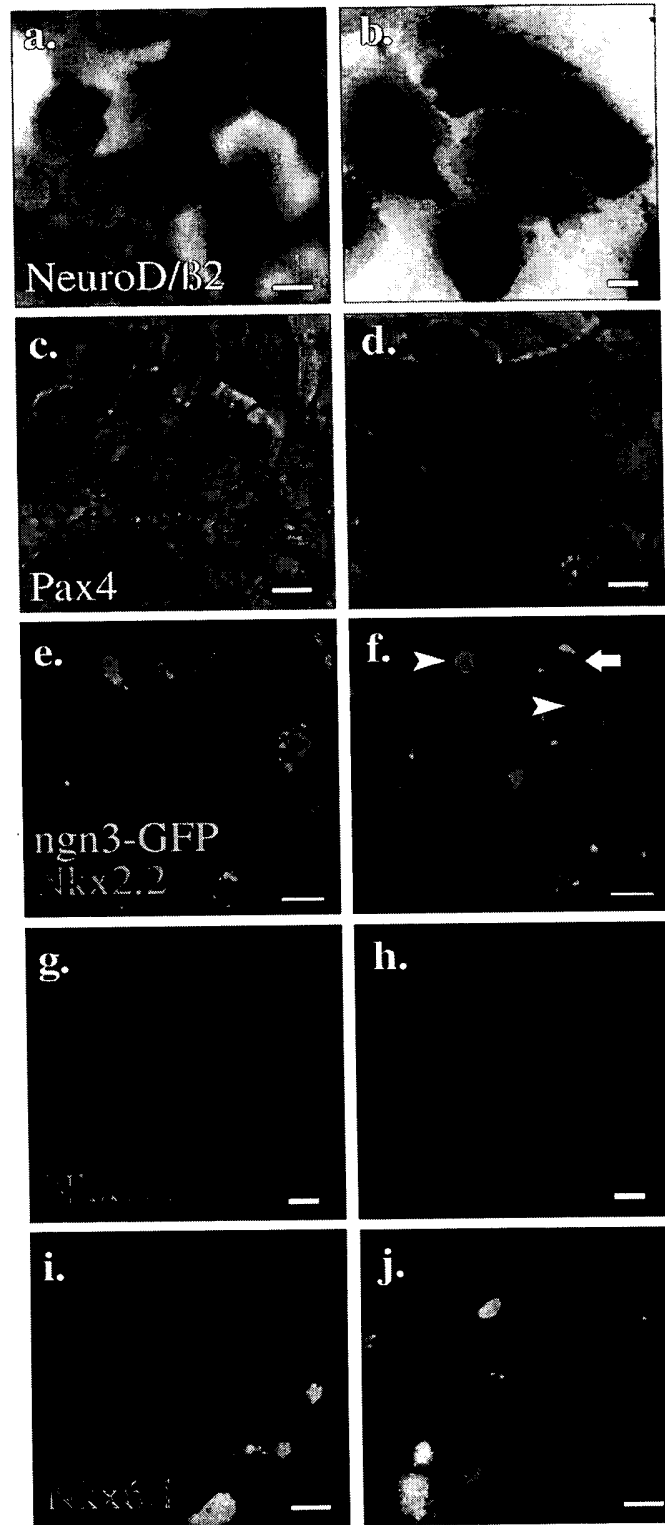


Fig. 3B

100990011.022602

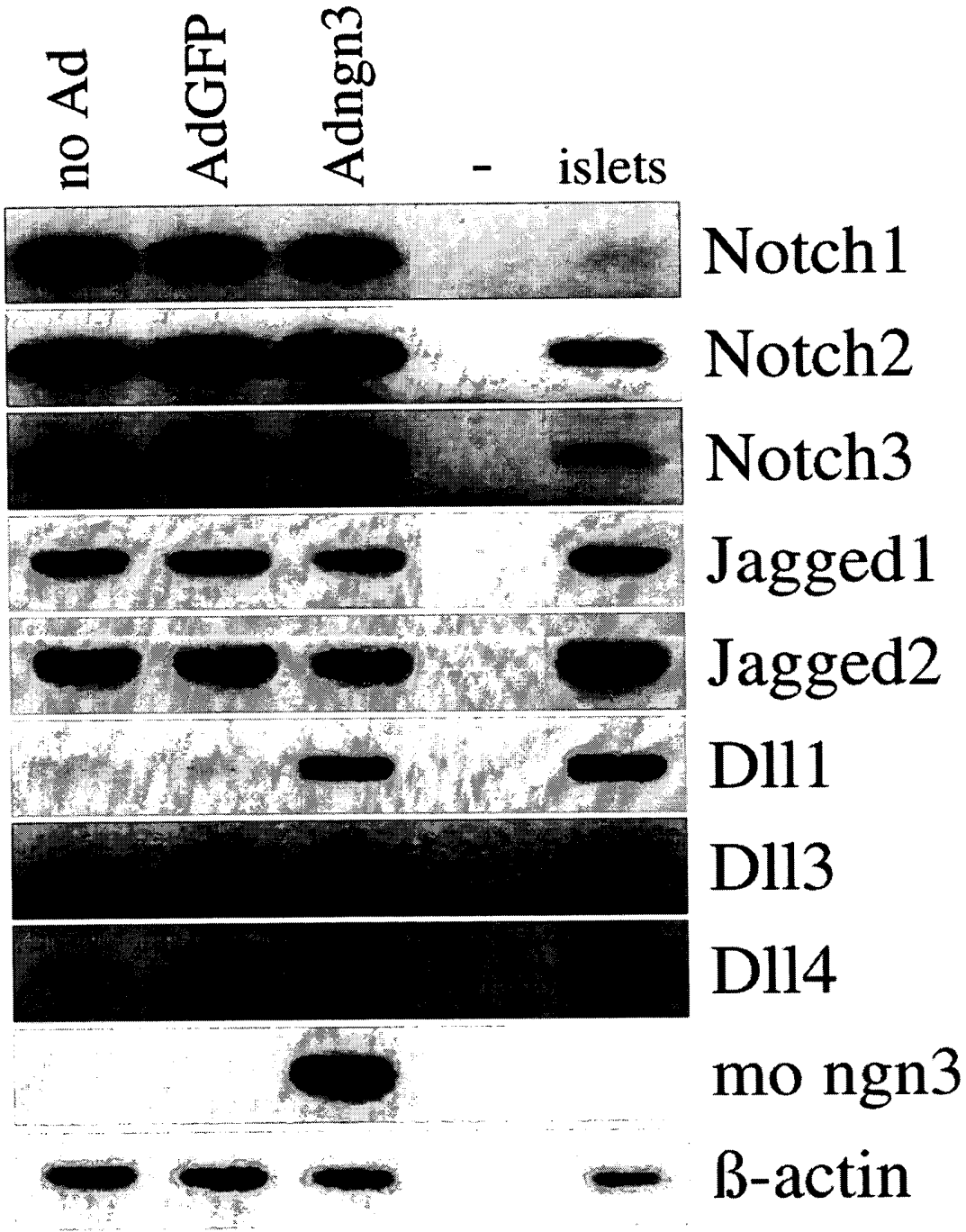


Fig. 3C

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PC12

no Ad

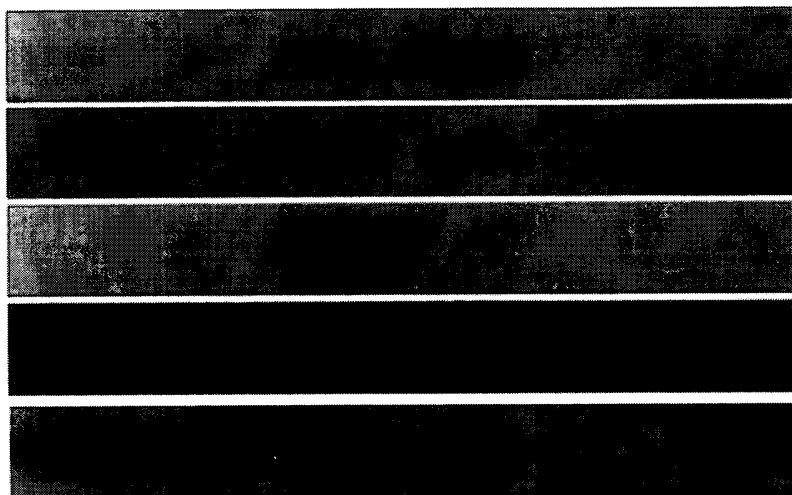
AdGFP

Adngn3

AdNeuroD/ β 2

-

rat β



Pax-4

insulin

mo ngn3

rat NeuroD/ β 2

β -actin

Fig. 4A

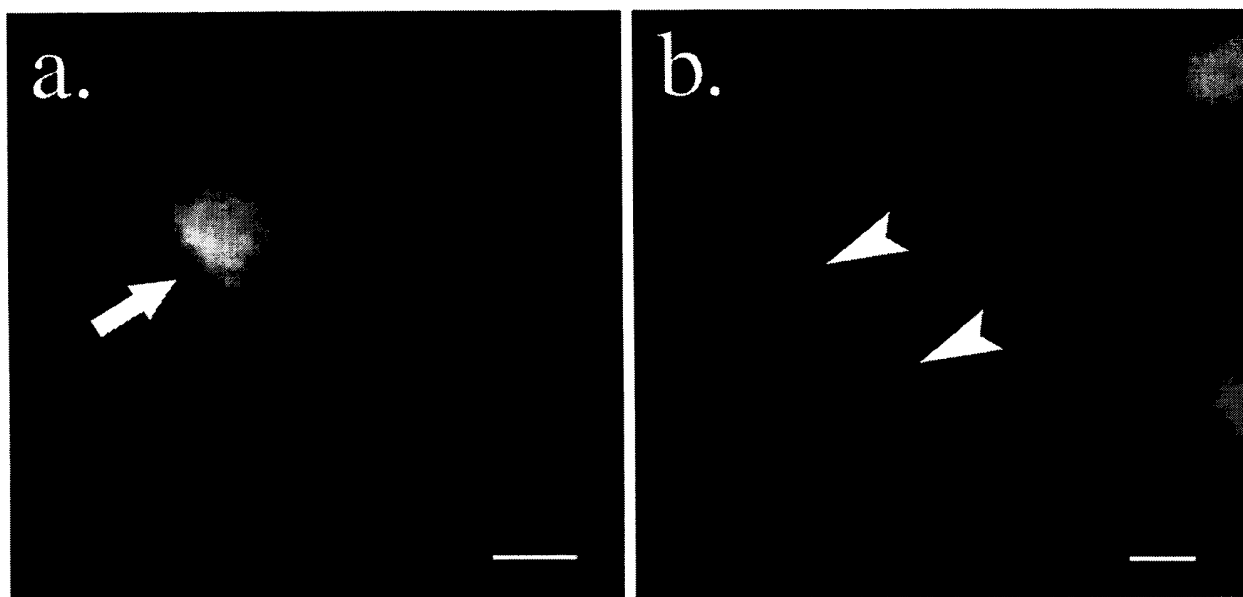


Fig. 4B

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adult human duct cells

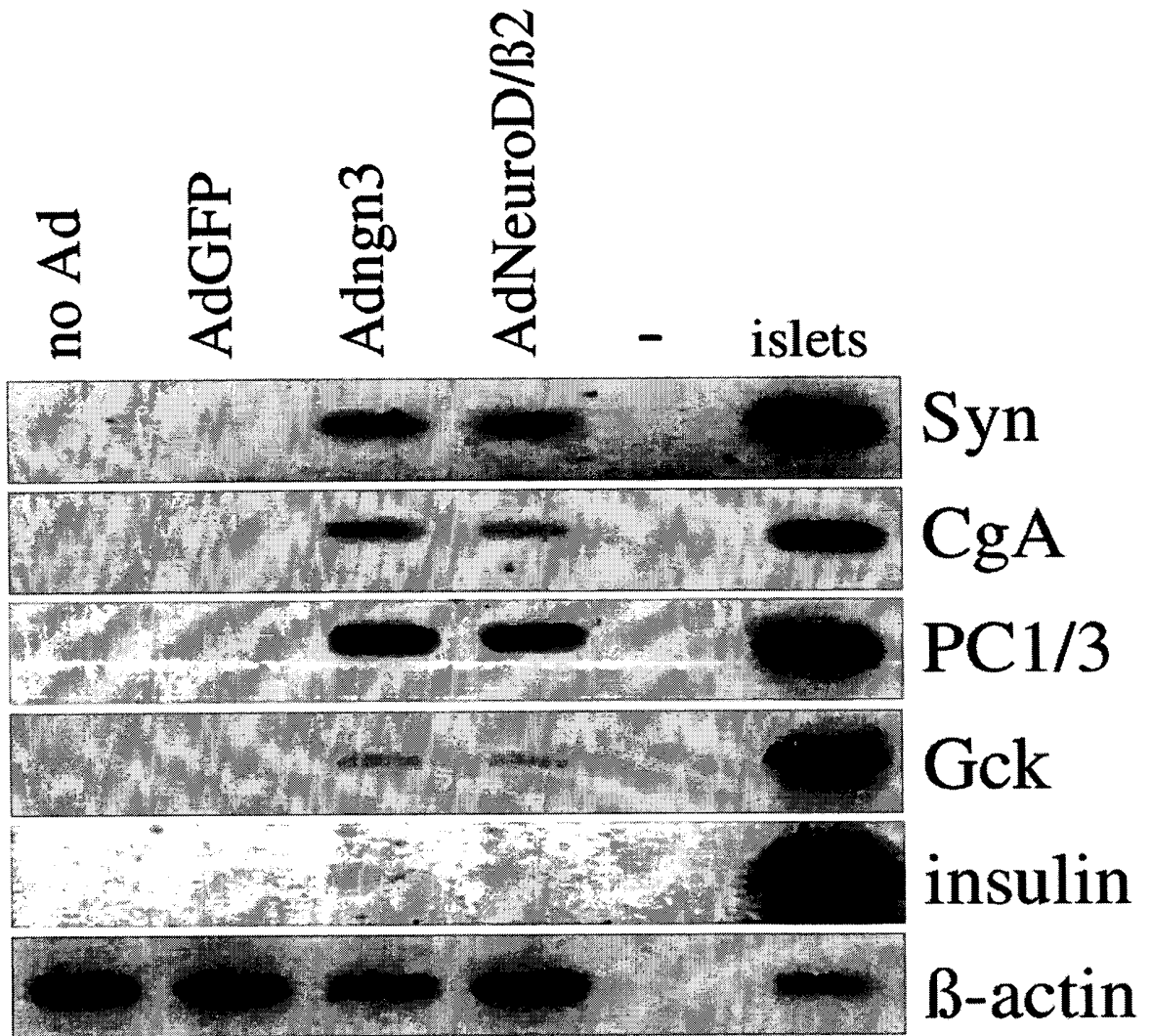


Fig. 5A

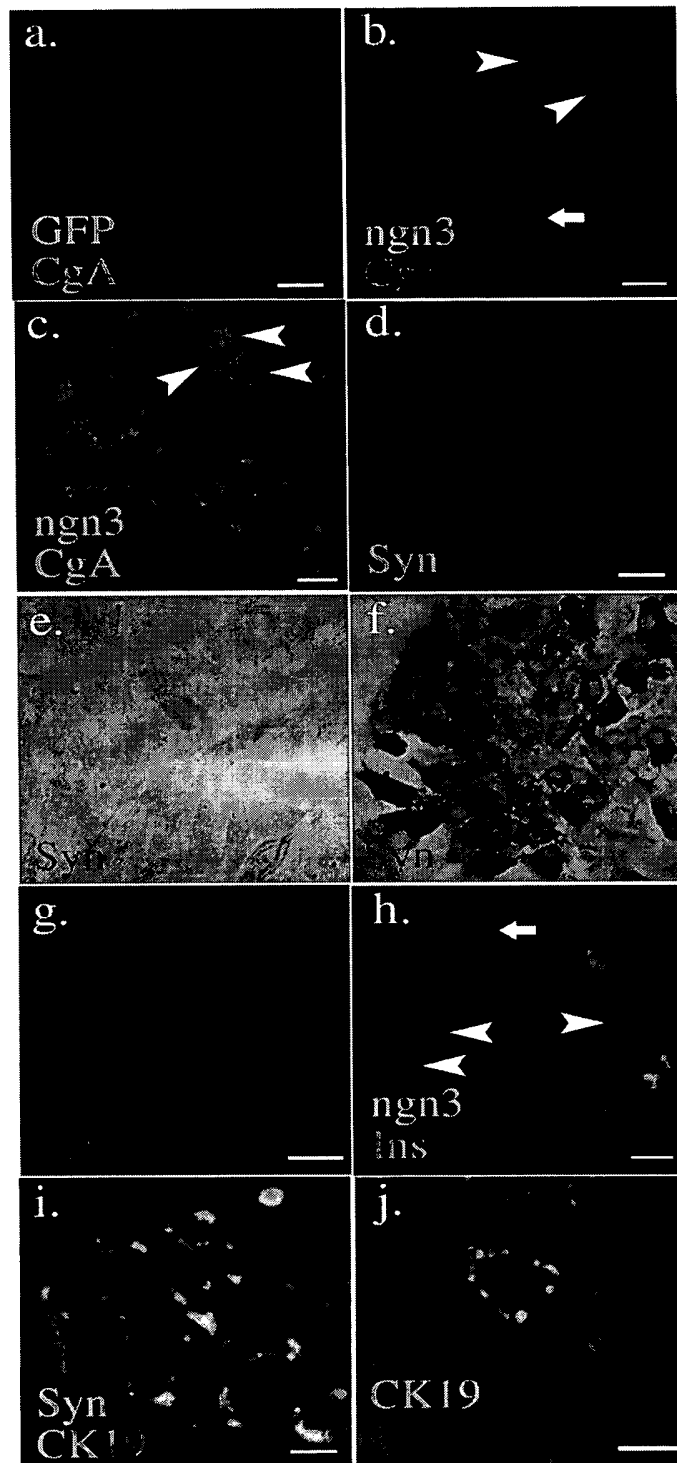


Fig. 5B

10090011.022602